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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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March 31, 1998

To: File

Thru: Joe Helfrich, Permit Supervisor-Compliance *gh*

From: Peter Hess, Reclamation Specialist III *PH*

RE: 1997 Annual Report, Bear Canyon #1 and #2 Mines, C.W. Mining Company,
ACT/015/025, Folder #2, Emery County, Utah

I have reviewed the aforementioned report and offer the following comments regarding those areas which are specific to the engineering regime.

Subsidence Monitoring Data --APPENDIX B

The permittee has submitted subsidence monitoring data for monitoring points SMS-1, 2, 3, 4, 7, 8, 9, and 10. These are points which are associated with the subsidence due to mining from the Bear Canyon mines only.

Subsidence deflections appear minimal, the greatest amount being -0.64 feet and occurring at SMS-1. This point is relative to both the Bear Canyon and Trail Canyon Mines. There has not been any interpretation of the data submitted. The subsidence map (Plate 3-3) is not P. E. certified by either Mr. Reynolds or Mr. Dan Guy of Blackhawk Engineering.

Mine Development/Extraction Progress Maps

All mining at Bear Canyon in 1997 occurred in the #2 Mine located in the Tank Seam. Areas developed or extracted are highlighted as shown on Plate 3-4C. This map is not P. E. certified. See R645-301-512.110 and -521.110.

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enclosure

